

CLAIMS

What is claimed is:

1. A method for emulating sound of a remote computer system, the method comprising the acts of:
 - 5 detecting audio settings of the remote computer system;
 - transmitting the audio settings to an interfacing computer system via a network; and
 - configuring audio circuitry of the interfacing computer system based on the audio settings.
- 10 2. The method of claim 1, wherein the act of detecting audio settings of the remote computer system comprises the act of detecting settings of audio input/output registers.
- 15 3. The method of claim 1, wherein the act of detecting audio settings of the remote computer system comprises the act of detecting settings of sound synthesis registers.
4. The method of claim 1, wherein the act of detecting audio settings of the remote computer system comprises the act of detecting sound tables.
- 20 5. The method of claim 1, comprising the act of copying audio settings corresponding to sound synthesizer registers and sound tables.

6. The method of claim 1, wherein the act of configuring audio circuitry comprises
the acts of:

5 programming registers of the audio circuitry to at least partially match register settings of
the remote computer system; and
storing sound tables of the remote computer system at the interfacing computer system.

7. The method of claim 1, comprising the acts of:

10 capturing an audio command generated at the remote computer system;
transmitting the audio command to the interfacing computer system; and
processing the audio command via the audio circuitry based on the audio settings of the
remote computer system.

15 8. The method of claim 7, comprising the act of playing the audio data at the
interfacing computer system for a remote event occurring on the remote computer system.

20 9. A method for interacting with a remote computer system, comprising the acts of:

detecting audio data generated at a remote computer system in response to a system
event;

processing and converting the audio data into standard audio data at the remote computer
system;
transmitting the standard audio data to an interfacing computer system via a network; and

interpreting and playing the standard audio data at the interfacing computer system for interaction with the system event.

10. The method of claim 9, comprising the acts of:

detecting video data generated at the remote computer system;

5 transmitting the video data to the interfacing computer system via the network; and

displaying the video data at the interfacing computer system.

11. The method of claim 9, wherein the act of detecting audio data comprises the act of capturing audio data directed to audio circuitry of the remote computer system.

10 12. The method of claim 9, comprising the act of remotely managing the remote computer system via the interfacing computer system.

15 13. The method of claim 12, wherein the act of remotely managing the remote computer system comprises the act of interacting with a network management module disposed on the remote computer system.

14. A system for interacting with a remote computer system, comprising:

20 an audio configuration analysis module adapted to identify and copy audio settings of the remote computer system;

an audio configuration setup module adapted to configure audio circuitry of an interfacing computer system based on the audio settings; and

a remote management module adapted to provide real-time interaction between the remote computer system and the interfacing computer system.

5 15. The system of claim 14, wherein the audio settings comprise register settings of audio registers for the remote computer system.

16. The system of claim 14, wherein the audio settings comprise sound card access addresses for the remote computer system.

10 17. The system of claim 14, wherein the audio settings comprise sound tables for sound synthesis at the remote computer system.

15 18. The system of claim 14, wherein the remote computer system comprises a lights out management module for managing network resources.

19. The system of claim 14, wherein the remote computer system and the interfacing computer system both comprise sound synthesis registers and sound tables.

20 20. The system of claim 19, wherein the audio configuration analysis module and the audio configuration setup module are adapted to emulate interaction between the remote computer system and audio circuitry of the remote computer system.